



SEQUENCE LISTING

<110> DYAX Corp.  
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Luneau, Christopher J.  
Ladner, Robert C

<120> NOVEL ENTEROKINASE CLEAVAGE SEQUENCES

<130> DYX-012.1 US, DYX-012.1 PCT

<140> 09/884,767

<141> 2001-06-19

<150> US 09/597,321

<151> 2000-06-19

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<170> PatentIn version 3.1

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<223> Xaa1 is an optional amino acid which, if present, is Ala, Asp, Glu, Phe, Gly, Ile, Asn, Ser, or Val

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<222> (4)..(4)

<223> Xaa4 is Ala, Asp, Glu, or Thr

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Xaa Xaa Xaa Xaa Asp Arg Xaa  
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Glu Gly Pro Cys His Pro Gln Phe Pro Arg Cys Tyr Ile Glu Asn Leu  
20 25 30

Asp Glu Phe Arg Pro Gly Gly Ser Gly Gly Xaa Xaa Xaa Xaa Xaa Xaa  
35 40 45

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Gly Ala Gln Ser Asp Gly Gly Gly Ser  
50 55 60

Thr Glu His Ala Glu Gly Gly Ser Ala Asp Pro Ser Tyr Ile Glu Gly  
65 70 75 80

Arg Ile Val Gly Ser Ala  
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Ser Gly Gly Glu Asp Arg Met  
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Gly Ser Gly Gly Glu Lys Val  
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His Gly Tyr Glu Glu Arg Met  
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Lys Pro Met Glu Glu Arg Met  
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Asp Ile Asn Asp Asp Arg Ser

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Gly Trp Asn Asp Asp Arg Ile

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<223> Xaa is any amino acid

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Gly Asn Tyr Thr Asp Arg Xaa  
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<222> (1)..(1)  
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<400> 206

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 <223> Xaa1 is an optional amino acid which, if present, is Asp or Glu

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 <222> (2)..(2)  
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Xaa Xaa Xaa Xaa Glu Arg Xaa  
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Asp Ile Asn Asp Asp Arg  
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Gly Asn Tyr Thr Asp Arg  
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gacgacaaaa cttagatcg ttacgctaac tatgagggtt gtctgtggaa tgctacaggc 180  
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His Ser Ala Glu Thr Val Glu Ser Cys Leu Ala Lys Pro His Thr Glu  
 20 25 30

Asn Ser Phe Thr Asn Val Trp Lys Asp Asp Lys Thr Leu Asp Arg Tyr  
 35 40 45

Ala Asn Tyr Glu Gly Cys Leu Trp Asn Ala Thr Gly Val Val Val Cys  
 50 55 60

Thr Gly Asp Glu Thr Gln Cys Tyr Gly Thr Trp Val Pro Ile Gly Leu  
 65 70 75 80

Ala Ile Pro Glu Asn Glu Gly Gly Gly Ser Glu Gly Gly Gly Ser Glu  
 85 90 95

Gly Gly Gly Ser Glu Gly Gly Gly Thr Lys Pro Pro Glu Tyr Gly Asp  
 100 105 110

Thr Pro Ile Pro Gly Tyr Thr Tyr Ile Asn Pro Leu Asp Gly Thr Tyr  
115 120 125

Pro Pro Gly Thr Glu Gln Asn Pro Ala Asn Pro Asn Pro Ser Leu Glu  
130 135 140

Asn Arg Gln Gly Ala Leu Thr Val Tyr Thr Gly Thr Val Thr Gln Gly  
165 170 175

Ala Met Tyr Asp Ala Tyr Trp Asn Gly Lys Phe Arg Asp Cys Ala Phe  
195 200 205

Ser Ser Asp Leu Pro Gln Pro Pro Val Asn Ala Gly Gly Gly Ser Gly  
225 230 235 240

Ser Glu Gly Gly Gly Ser Glu Gly Gly Gly Ser Gly Gly Gly Ser Gly  
260 265 270

Met Thr Glu Asn Ala Asp Glu Asn Ala Leu Gln Ser Asp Ala Lys Gly  
290 295 300

Ile Gly Asp Val Ser Gly Leu Ala Asn Gly Asn Gly Ala Thr Gly Asp  
325 330 335

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20 25 30

Asn Pro Asn Pro Ser Leu Glu Glu Ser Gln Pro Leu Asn Thr Phe Met  
35 40 45

Phe Gln Asn Asn Arg Phe Arg Asn Arg Gln Gly Ala Leu Thr Val Tyr  
50 55 60

Thr Gly Thr Val Thr Gln Gly Thr Asp Pro Val Lys Thr Tyr Tyr Gln  
65 70 75 80

Tyr Thr Pro Val Ser Ser Lys Ala Met Tyr Asp Ala Tyr Trp Asn Gly  
85 90 95

Lys Phe Arg Asp Cys Ala Phe His Ser Gly Phe Asn Glu Asp Pro Phe  
100 105 110

Val Cys Glu Tyr Gln Gly Gln Ser Ser Asp Leu Pro Gln Pro Pro Val  
115 120 125

Asn Ala Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Glu Gly  
130 135 140

Gly Gly Ser Glu Gly Gly Gly Ser Glu Gly Gly Gly Ser Glu Gly Gly  
145 150 155 160

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Gly Ser Gly Gly Gly Ser Gly Ser Gly Asp Phe Asp Tyr Glu Lys Met  
165 170 175

Ala Asn Ala Asn Lys Gly Ala Met Thr Glu Asn Ala Asp Glu Asn Ala  
180 185 190

Leu Gln Ser Asp Ala Lys Gly Lys Leu Asp Ser Val Ala Thr Asp Tyr  
195 200 205

Gly Ala Ala Ile Asp Gly Phe Ile Gly Asp Val Ser Gly Leu Ala Asn  
210 215 220

Gly Asn Gly Ala Thr Gly Asp Phe Ala Gly Ser Asn Ser Gln Met Ala  
225 230 235 240

Gln Val Gly Asp Gly Asp Asn Ser Pro Leu Met Asn Asn Phe Arg Gln  
245 250 255

Tyr Leu Pro Ser Leu Pro Gln Ser Val Glu Cys Arg Pro Phe Val Phe  
260 265 270

Ser Ala Gly Lys Pro Tyr Glu Phe Ser Ile Asp Cys Asp Lys Ile Asn  
275 280 285

Leu Phe Arg Gly Val Phe Ala Phe Leu Leu Tyr Val Ala Thr Phe Met  
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Tyr Val Phe Ser Thr Phe Ala Asn Ile Leu Arg Asn Lys Glu Ser  
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Glu Asn Ala Asp Glu Asn Ala Leu Gln Ser Asp Ala Lys Gly Lys Leu  
 20 25 30

Asp Ser Val Ala Thr Asp Tyr Gly Ala Ala Ile Asp Gly Phe Ile Gly  
 35 40 45

Asp Val Ser Gly Leu Ala Asn Gly Asn Gly Ala Thr Gly Asp Phe Ala  
 50 55 60

Gly Ser Asn Ser Gln Met Ala Gln Val Gly Asp Gly Asp Asn Ser Pro  
 65 70 75 80

Leu Met Asn Asn Phe Arg Gln Tyr Leu Pro Ser Leu Pro Gln Ser Val  
 85 90 95

Glu Cys Arg Pro Phe Val Phe Ser Ala Gly Lys Pro Tyr Glu Phe Ser  
 100 105 110

Ile Asp Cys Asp Lys Ile Asn Leu Phe Arg Gly Val Phe Ala Phe Leu  
 115 120 125

Leu Tyr Val Ala Thr Phe Met Tyr Val Phe Ser Thr Phe Ala Asn Ile  
 130 135 140

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Leu Arg Asn Lys Glu Ser  
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Leu Glu His Ser Asp Arg Val  
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Gly Ser Gly Gly Glu Arg Val  
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Asp Glu Val His Asp Arg Thr

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Gln His Asp Gly Asp Lys Thr

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Ser Gly Gly Thr Asp Arg Ile

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Val Met Glu Asp Asp Arg Ala  
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Gly Ser Gly Gly Glu Arg Met  
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Ile Glu His Asp Asp Arg Met  
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Asn Met Asp Trp Asp Arg Ser  
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Ser Gly Gly Asp Asp Arg Met

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&lt;400&gt; 164

Asn Val Arg Met Asp Arg Ser

1

5

&lt;210&gt; 165

&lt;211&gt; 7

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&lt;400&gt; 165

Ser His Arg Asp Glu Lys Val

1

5

&lt;210&gt; 166

&lt;211&gt; 7

&lt;212&gt; PRT

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